

2. ~~Miss Jones, C409~~

3. ~~Miss Pettit, A224~~

4. Library.

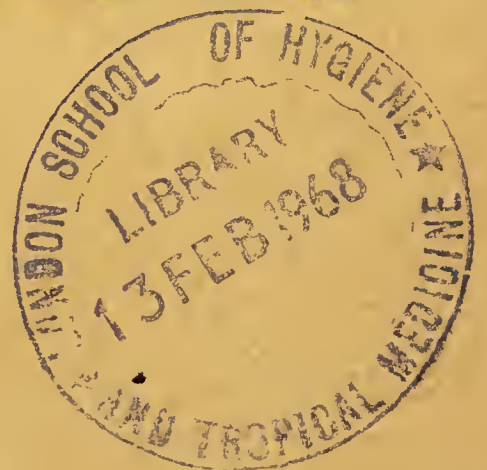
**MALDON  
RURAL DISTRICT COUNCIL**

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***Annual Report***

**OF THE  
MEDICAL OFFICER OF HEALTH**

**FOR  
1964**





MALDON  
RURAL DISTRICT COUNCIL

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*Annual Report*

OF THE

**MEDICAL OFFICER OF HEALTH**

FOR

*1964*

---

*W. H. Houldershaw, Ltd.,*  
— *Southend-on-Sea* —

**PUBLIC HEALTH COMMITTEE, 1964**

---

*Chairman of the Council:* Councillor Mr. G. H. Barber, J.P.

*Vice-Chairman of the Council:* Councillor Mr. E. A. Ratcliff.

*Chairman:* Councillor Dr. J. G. Madden.

*Vice-Chairman:* Councillor Mr. H. L. Frost.

*Members:* Councillors      Mr. J. C. Bailey.  
                                     Mr. J. C. Bowles.  
                                     Mr. H. G. Butt.  
                                     Mr. A. Green.  
                                     Mr. F. W. J. James.  
                                     Mr. G. W. Playle.  
                                     Mr. A. F. Ratcliff.  
                                     Mr. P. H. Sparrow.  
                                     Mr. W. H. R. Still.  
                                     Mr. M. S. Taverner.

## PUBLIC HEALTH STAFF.

---

*Clerk to the Rural District Council*      L. H. Hiscott

*Medical Officer of Health*      ...      Thomas D. Blott, B.Sc., M.B.  
B.S., D.P.H., who also acts  
in this capacity for the Borough  
of Maldon, Urban District of  
Burnham-on-Crouch and the  
Rural District of Chelmsford.

*Surveyor and Water Engineer* ...      I. M. Nicholson, M.I.Mun.E.,  
A.M.I.S.E.

*Senior Public Health Inspector* ...      G. L. Turner.

*Deputy Public Health Inspector* ...      L. F. Newnham.

*Additional Public Health  
Inspector*      ...      R. S. Fierheller.

*Clerk to Public Health Inspectors*      Mrs. J. M. Goodrich to 31.8.64  
Miss S. A. Moye from 1.9.64.

*Clerk to Medical Officer of  
Health*      ...      Miss S. A. Moye to 31.8.64.  
Miss J. Parkinson from  
12.10.64.

COUNCIL OFFICES,  
WANTZ ROAD,  
MALDON,  
ESSEX.

**To the Chairman and Members of the  
Maldon Rural District Council**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I present for your consideration Dr. Blott's last Annual Report for the year 1964.

I have the honour to be, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

J. A. SLATTERY.



## PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

### Notifiable Diseases (other than Tuberculosis) during 1964.

One hundred and thirteen cases of notifiable diseases (exclusive of Tuberculosis) came under observation compared with Two hundred and twelve for the previous year.

Notifiable Disease	Total Cases	Under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 and over	Cases admitted to Hospital	Total Deaths
Scarlet Fever ... ..	4	—	—	—	—	—	1	2	1	—	—	—	—	—	—
Whooping Cough ... ..	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ... ..	99	2	5	6	9	12	53	8	3	—	1	—	—	—	—
Pneumonia ... ..	2	—	—	—	—	—	—	—	—	—	—	1	1	—	—
Food Poisoning ... ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Acute Poliomyelitis ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Infective Hepatitis	6	—	—	—	—	—	—	—	—	1	2	3	—	—	—
Dysentery ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ... ..	113	3	5	6	9	12	55	10	4	1	3	4	1	—	—

The above table shows the distribution of infectious diseases by age throughout the population of the district

## Tuberculosis.

### New Cases and Mortality during 1964.

Particulars are given in the following table of new cases of Tuberculosis and of deaths from the disease in the area during 1964.

Age Groups			* New Cases				Deaths			
			Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
			M.	F.	M.	F.	M.	F.	M.	F.
Under 1	...	...	—	—	—	—	—	—	—	—
1— 5	...	...	—	—	—	—	—	—	—	—
5—10	...	...	—	—	—	—	—	—	—	—
10—15	...	...	—	—	—	—	—	—	—	—
15—20	...	...	—	—	—	—	—	—	—	—
20—25	...	...	1	2	—	—	—	—	—	—
25—35	...	...	—	—	—	—	—	—	—	—
35—45	...	...	—	—	—	—	—	—	—	—
45—55	...	...	—	—	—	—	—	—	—	—
55—65	...	...	1	—	—	—	—	—	—	—
65 and over	...	...	—	—	—	—	—	—	—	—
TOTALS	...	...	2	2	—	—	—	—	—	—

\* Not including cases of Tuberculosis removed into the district during the year which had been previously notified elsewhere.



Table showing local distribution of infectious diseases notified during 1964.

PARISH	Scarlet Fever	Whooping Cough	Measles	Pneumonia	Food Poisoning	Acute Poliomyelitis	Erysipelas	Pulmonary Tuberculosis	Other forms of Tuberculosis	Acute Infective Hepatitis	Dysentery
Althorne ...	—	1	2	—	—	—	—	—	—	—	—
Asheldham ...	—	—	1	—	—	—	—	—	—	2	—
Bradwell-on-Sea ...	—	—	6	—	—	—	—	—	—	—	—
Great Braxted ...	—	—	1	—	—	—	—	—	—	—	—
Little Braxted ...	—	—	—	—	—	—	—	—	—	—	—
Cold Norton ...	—	—	3	—	—	—	—	—	—	—	—
Dengie ...	—	—	6	1	—	—	—	—	—	—	—
North Fambridge ...	—	—	—	—	—	—	—	—	—	—	—
Goldhanger... ..	—	—	—	—	—	—	—	—	—	—	—
Hazeleigh ...	—	—	—	—	—	—	—	—	—	—	—
Langford ...	—	—	3	—	—	—	—	—	—	—	—
Latchingdon ...	2	—	4	—	—	—	—	—	—	—	—
Mayland ...	—	—	1	—	—	—	—	—	—	—	—
Mundon ...	—	—	1	—	—	—	—	—	—	—	—
Purleigh ...	1	—	1	—	—	—	—	—	—	—	—
St. Lawrence ...	—	—	2	—	—	—	—	—	—	—	—
Southminster ...	1	—	1	—	—	—	—	2	—	2	—
Steeple ...	—	—	2	—	—	—	—	—	—	—	—
Stow Maries ...	—	—	—	—	—	—	—	—	—	—	—
Tillingham ...	—	—	14	—	—	—	—	—	—	—	—
Tollesbury ...	—	—	—	—	—	—	—	1	—	—	—
Tolleshunt D'Arcy ...	—	—	—	—	—	—	—	—	—	—	—
Tolleshunt Knights ...	—	—	—	—	—	—	—	—	—	1	—
Tolleshunt Major ...	—	—	—	—	—	—	—	—	—	—	—
Great Totham ...	—	—	—	—	—	—	—	—	—	1	—
Little Totham ...	—	—	12	1	—	—	—	1	—	—	—
Ulting ...	—	—	—	—	—	—	—	—	—	—	—
Wickham Bishops ...	—	—	27	—	—	—	—	—	—	—	—
Woodham Mortimer ...	—	—	3	—	1	—	—	—	—	—	—
Woodham Walter... ..	—	—	9	—	—	—	—	—	—	—	—
Totals ...	4	1	99	2	1	—	—	4	—	6	—

## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

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Hospital treatment for patients in the area is the responsibility of the Regional Hospital Boards.

The Children's Department of the Essex County Council is responsible for the welfare of children and young persons in the area.

### AMBULANCE FACILITIES

These are provided by the Essex County Council and the Ambulance Station for the area is in Spital Road, Maldon.

CLINICS AND TREATMENT CENTRES (provided by the County Council).

#### *Tuberculosis Dispensary :*

St. Peter's Hospital, Maldon ; each Friday, 2—5 p.m.

#### *Maternity and Child Welfare Centres :*

Mayland	Henry Samuel Hall	4th Thursday in each month 2.30 p.m.	Doctor in attendance
Bradwell- on-Sea	Village Hall	1st Wednesday in each month 2 p.m.	Doctor in attendance
South- minster	Baptist Chapel School Room	4th Monday in each month 2.30 p.m.	Doctor in attendance
Tollesbury	Institute	1st and 3rd Tuesdays in each month 2 p.m.	Doctor attends 3rd Tuesday
Wickham Bishops	Church Room	2nd Wednesday in each month 2.30 p.m.	Doctor in attendance
Great Totham	Village Hall	4th Wednesday 2 p.m.	Doctor attends all sessions

*Maternity and Child Welfare Centres—contd.*

Cold Norton	Village Hall	4th Tuesday in each month 1.45 p.m.	Doctor in attendance
Tillingham	Village Hall	2nd Thursday in each month 2.30 p.m.	Doctor in attendance
Heybridge	Waring Hall	2nd and 4th Tuesdays in each month 2.30 p.m.	Doctor attends 2nd Tuesday
Maldon	Health Centre	Every Friday 2 p.m.	Doctor attends 1st, 3rd, and 5th Fridays
Purleigh	Village Hall	4th Wednesday in each month 1.30 p.m.	Doctor in attendance
*Woodham Walter	Women's Institute Club Room	Last Thursday in each month 2 p.m.	Doctor in attendance on 5th Thurs.

\*This Clinic has the Medical Officer in attendance only when there are 5 Thursdays in the month and the Clinic is held on that Thursday instead of 4th Thursday.

Goldhanger	Village Hall	3rd Thursday in each month 2 p.m.	Doctor in attendance
Tolleshunt D'Arcy	Village Hall	1st Thursday in each month 2.30 p.m.	Doctor in attendance
Latchingdon	Village Hall	1st Thursday in each month	Doctor attends all sessions

*Ante Natal Clinics*

Health Centre, Wantz Chase, Maldon	3rd and 5th Monday in each month 10 a.m.	Doctor in attendance
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*Women's Welfare Clinic :*

Health Centre, Wantz Chase, Maldon	3rd and 5th Monday 10 a.m.	Doctor in attendance
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*School Clinics :*

Orthopaedic After Treatment Centre	St. Peters Hospital Maldon	By appointment
School Clinic	Health Centre, Wantz Chase, Maldon	1st, 3rd & 5th Fridays 9.30 a.m.—12 noon. Doctor in attendance
Eye Clinic	St. Peter's Hospital, Maldon	By appointment
Speech Therapy	Health Centre Wantz Chase, Maldon	Thursdays, a.m. and p.m.

Dental Clinics are also held at the Maldon Health Centre and other places in the district as and when required.

For operative treatment for the removal of Adenoids and enlarged Tonsils arrangements have been made by the Essex County Education Committee at the following hospitals :—

Chelmsford and Essex, Chelmsford ; St. John's, Chelmsford and Essex County, Colchester.

*Family Planning Clinic :*

Coval Lane Clinic	Chelmsford	Tuesday and Thursday evenings, 6.30 p.m.- 8 p.m.
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*Treatment Centres for Venereal Diseases :*

These are situated at Chelmsford and Colchester Hospitals, Oldchurch County Hospital, Romford, and a number of London General Hospitals,



### PROFESSIONAL NURSING IN THE HOME.

(a) General Nursing—this is under the supervision of the County Council.

(b) Infectious Diseases. No arrangements have been made by the District Council.

HOME HELPS. Application should be made to the Area Medical Officer of Health at 75, Springfield Road, Chelmsford; (Tel. No. Chelmsford 54891).

LABORATORIES. Public Health Laboratory Service, Chelmsford & Essex Hospital, London Road, Chelmsford.

During the year no action was taken under Section 47 of the National Assistance Act, 1948, which deals with the removal to suitable premises of persons in need of care and attention.

Section 50 of the National Assistance Act, 1948, made the district council responsible for the burial or cremation of the body of any person who had died or been found dead in their area, where no suitable arrangements for the disposal of the body have been or are being made otherwise than by the authority.

One burial was carried out under the Act during 1964 and since the passing of the Act 15 burials have been carried out.



## **PUBLIC CLEANSING**

### **Household Refuse**

A weekly refuse collection is carried out by contractors in the Parishes of Southminster and Tollesbury and throughout the remainder of the District a fortnightly collection is undertaken.

The more outlying properties have a fortnightly tins and bottles collection by direct labour.

### **Collection of Pails**

A weekly pail closet collection from all Parishes in the area is carried out by private contractors.

### **Emptying of Cesspools**

The Council commenced a scheme for the emptying of cesspools throughout the District in April, 1961. The scheme allows for a once yearly free emptying; additional emptyings being chargeable to the occupier at the contractor's agreed rate with the Council.

### **Prevention of Damage by Pests Act, 1949.**

The Council operates a rat destruction scheme and employs a full time rat catcher.

Work is carried out on farms, domestic premises and Local Authority undertakings including tips, sewage works and sewers throughout the whole of the Rural District.

During the year 916 treatments of premises were carried out by the Rat Catcher. In addition to the treatment work, inspections are regularly carried out throughout the area.

## **SANITARY INSPECTION OF THE AREA.**

The following table, prepared by the Public Health Inspector is a classified statement of the number of premises visited, the defects or nuisances discovered, and the action and result of action taken in regard to these.

## SANITARY INSPECTION OF THE AREA.

INSPECTIONS		NOTICES			
Description of Work		Number	In-formal	Formal	Total complied with
Housing:	Nuisances, disrepair and Sanitary defects	227	49	—	16
	Reconditioning or demolition	54	—	—	—
	Overcrowding	46	—	—	—
Housing	Council house applications	86	—	—	—
Inspections	Houses surveyed and recorded	51	—	—	—
Re:	Camping grounds	33	—	—	—
	Movable dwellings	22	3	—	1
	Certificates of disrepair	2	—	—	—
	Miscellaneous	174	1	—	—
Improvement Grants:	Initial Visits	200	—	—	—
	Visits of works in progress	1,355	—	—	—
	Visits upon completion	78	—	—	—
	Conversion of pail closets	701	—	—	—
	Annual reinspections	—	—	—	—
Sewerage and Drainage:	Tips, etc.	1	—	—	—
Drainage	Drainage tests	141	—	—	—
Inspections	Informal Notices served	45	34	—	9
	Statutory Notices served	6	—	—	—
Drainage	Premises drained to sewers	107	—	—	—
Improve-	Premises drained to septic tanks	14	—	—	—
ments	Drains reconstructed	34	—	—	—
	Drains cleansed	3	—	—	—
	Proposed sewage schemes	824	—	—	—
Sewage	Conversion of pail closets	70	1	—	1
Inspections	Informal Notices served	105	—	—	—
Re:	Statutory Notices served	8	—	—	—
	No. of conversions completed	64	—	—	—
Public Cleansing:	Premises	5	1	—	1
Refuse	Tips	53	—	—	—
Collection	Supervision of Contractors	71	—	—	—
and Disposal	No. of cesspools emptied	1	—	—	—
	Disposal	—	—	—	—
Cesspool	Tips	4	—	—	—
Emptying	Supervision of Contractors	8	—	—	—
	Premises	10	21	—	7
	Premises	7	—	—	—
Nightsoil	Tips	—	—	—	—
Collection	Disposal	—	—	—	—
	Supervision of Contractors	3	—	—	—
Water Supply:	Public Mains supply	22	—	—	—
Samples	Private wells	6	—	—	—
Taken	Oher visits	491	5	—	—
Food:	Bakehouses	10	—	—	—
	Fish Fryers	8	—	—	—
	Game Dealers' Premises (Lcd.)	—	—	—	—
	General provision shops	162	—	—	—
	Icc Cream premises (Rgd.)	78	—	—	—
	Meat products premises (Rgd.)	10	—	—	—
Food	Meat shops	11	—	—	—
Premises	Poultry dressing premises	3	—	—	—
Inspections	Public Houses and Inns	41	—	—	—
	Restaurants and cafes	28	—	—	—
	Slaughterhouses	308	—	—	—
	Street vendors	2	—	—	—
	Miscellaneous	23	—	—	—

## SANITARY INSPECTION OF THE AREA (continued)

INSPECTIONS			NOTICES		
Description of Work		Number	In- formal	Formal	Total complied with
Brought forward					
Rodent and Other Pests Control:					
	Surveys under Pests Act	2	—	—	—
	Treatment of Domestic premises	6	—	—	—
Inspections	Treatment of Agriculture and				
Re:	Business premises	3	—	—	—
	Other Pests	16	4	—	1
	Premises disinfested	6		—	—
Factories and Workshops:					
	Factories with mechanical power	11	—	—	—
Inspections	Factories without mechanical				
Re:	power	4	—	—	—
	Workplaces	1	—	—	—
	Outworkers' premises	—	—	—	—
	Offices	29	—	—	—
	Offices, Shops, etc. Initial Survey	168	—	—	—
Miscellaneous:					
	Animal Boarding Estabs. Act.	25	—	—	—
	Boiling of Waste Foods	—	—	—	—
	Smoke nuisances	—	—	—	—
	Notifiable Disease Investigations	5	—	—	—
	Disinfections	9	—	—	—
Inspections	Swimming Pools	8	—	—	—
Re:	Schools (San. acc. & kitchens)	5	—	—	—
	Houseboats	1	—	—	—
	Stables and piggeries	7	1	—	—
	Miscellaneous visits	173	—	—	—
TOTAL NO. OF INSPECTIONS UNDER PUBLIC HEALTH		6,295	120	—	36
Council House Management:					
	Maintenance	542	—	—	—
Inspections	Applications	123	—	—	—
Re:	Revision of waiting lists	5	—	—	—
	Other visits	62	—	—	—
TOTALS		7,027	120	—	36

**Smoke Abatement.** No cause for action occurred throughout the year.

**Swimming Baths and Pools.** There is a small open-air salt-water pool at Tollesbury and small open-air pools at Purleigh, Bradwell-on-Sea and Latchingdon County Primary Schools from which samples are regularly taken. All the samples taken during the year gave satisfactory results.

**Knackers' Yards.** There is one in the district, situated in the parish of Purleigh.

**Houseboats.** During the year 9 licences to moor or place houseboats were granted under the Essex County Council Act, 1952, Part VII. These are situated in the parishes of Althorne, North Fambridge, Latchingdon and Tollesbury.

**Bakehouses.** There are 5 in the district, situated in the following parishes :—Tillingham 1, Tollesbury 2, and Wickham Bishops 2.

Regular inspections are carried out. On each inspection the conditions were found satisfactory.

### **Movable Dwellings.**

THE CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960.

During the period to which this report relates 18 applications for licences under the above Act were received, and 14 licences were issued.



## ADMINISTRATION OF THE FACTORIES ACT, 1961.

1.—**Inspections** for the purposes of provisions as to health.  
Including inspections made by Public Health Inspectors.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	12	2	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	55	17	—	—
iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... ..	8	8	—	—
<b>TOTAL</b> ...	<b>75</b>	<b>27</b>	—	—

## 2.—Cases in which Defects were found.

Particulars	Number in which defects were found				Number of Cases in which Prosecutions were Instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
Want of Cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable Temperature (S.3) ... ..	—	—	—	—	—
Inadequate Ventilation (S.4) ... ..	—	—	—	—	—
Ineffective Drainage of Floors (S.6) ... ..	—	—	—	—	—
Sanitary Conveniences (S.7) :					
Insufficient ... ..	—	1	—	—	—
Unsuitable or Defective ... ..	—	—	—	—	—
Not separate for sexes	—	—	—	—	—
Other Offences against the Act (not including offences relating to out-work) ... ..	—	—	—	—	—
<b>TOTAL</b> ...	—	1	—	—	—



## OUTWORK (Sections 110-111)

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances unwholesome premises	Notices Served	Prosecutions
<div> <div>Wearing apparel</div> <div>Making etc.</div> <div>Cleaning and washing ...</div> </div>	1	—	—	—	—	—
	—	—	—	—	—	—
Total ...	1	—	—	—	—	—

**FOOD AND DRUGS ACT, 1955****INSPECTION AND SUPERVISION OF FOOD.****Milk Supply.**

There are 24 distributors of milk in the district.

**Meat Inspection.**

There are licensed in the District two slaughterhouses. A regular inspection is made of all animals killed and the following table shows the number killed throughout the year and the amount of meat condemned as unfit for human consumption.

**Carcases and Offal Inspected and Condemned in whole  
or in part during 1964.**

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Goats
Number killed (if known)	579	463	90	2,222	2,148	—
Number inspected	579	463	90	2,222	2,148	—
<i>All diseases except Tuberculosis and Cysticerci</i> Whole carcases condemned	1	—	—	6	2	—
Carcases of which some part or organ was condemned	64	147	—	64	101	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	11.2	31.7	—	3.1	4.7	—
<i>Tuberculosis only :</i> Whole carcases condemned	—	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	2	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	.09	—
<i>Cysticercosis :</i> Carcases of which some part or organ was condemned	5	—	—	—	—	—
Carcases submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

## WATER SUPPLY.

A piped water supply from the mains owned by the District Council was available to 96 per cent of the population. The figures for each parish are set out in the table below.

The supply is augmented from two local works :—

Springs at Warren Bottom and Jacobs Well, Woodham Walter.

Springs at Asheldham.

The supplies from these two works are chlorinated.

Under the Southend Waterworks Act and the South Essex Waterworks Act, the District Council has certain legal rights to be supplied by these companies with a bulk supply of water.

The following table gives details of the water supplied to the District for the year ending 31st March, 1965 :—

Source of Supply	Total Gallons	Average Daily
South Essex Waterworks Co. ...	173,352,000	475,000
Southend Waterworks Co. ...	147,718,000	403,000
Lexden and Winstree R.D.C. ...	—	—
Chelmsford ... ..	7,000	—
<b>Total Amount Purchased ...</b>	<b>321,077,000</b>	<b>878,000</b>
<i>Own Supplies—</i>		
Asheldham ... ..	—	—
Warren Bottom, Woodham Walter	37,938,000	104,000
Jacobs Well, Woodham Walter ...	23,038,000	63,000
<b>Total ... ..</b>	<b>60,976,000</b>	<b>167,000</b>
<b>Total supplied from all Sources ...</b>	<b>381,523,000</b>	<b>1,045,000</b>

The total amount of water supplied for the previous year was 352,835,000 gallons. During 1964-1965 there were 857 meters in use for non-domestic purposes.

Daily consumption per head per day on an estimated population of 18,800 (this figure includes an allowance for the considerable increase in population on the Riverside Estates during the summer months):—

Domestic	...	26 gallons
Trade	...	29 gallons
		—
Total	...	<u>55 gallons</u>

### Summary of Work Carried Out by Waterworks Department

<i>Description</i>	<i>Year ending</i> 31.3.64	<i>Year ending</i> 31.3.65
New services installed ...	376	362
New meters installed ...	32	21
Meters changed on existing supplies ...	66	116
Meters removed from existing supplies ...	15	18
Services repaired ...	184	196
Services disconnected ...	13	12
Mains repaired ...	78	148
New Valves and Hydrants fixed ...	21 V 38 H	30 V 39 H
Valves and Hydrants repaired	37 H 25 V	51 H 27 V
New Mains laid (Asbestos Cement)	2,574 yds.	5,186 yds.
Mains renewed (Asbestos Cement)	1,773 yds.	1,931 yds.

Total milcage of Water Mains of all sizes at 31.3.65, 182 miles.



**RECORD OF HABITABLE HOUSES AND WATER  
SUPPLY AS AT 31st DECEMBER, 1964.**

PARISH	Habitable Houses (not includ- ing Huts or Vans)	No. of Houses on Domestic Water Supply	Within 100 yds. of water main but not supplied	Where piped water supply is not available
Althorne ... ..	190	190	—	—
Asheldam ... ..	52	51	—	1
Bradwell-on-Sea ... ..	267	258	4	5
Braxted, Great ... ..	124	92	7	25
Braxted, Little ... ..	47	45	2	—
Cold Norton ... ..	224	224	—	—
Dengie ... ..	51	45	—	6
Fambridge, North ... ..	128	127	—	1
Goldhanger ... ..	202	196	2	4
Hazeleigh ... ..	41	41	—	—
Langford ... ..	59	45	1	13
Latchingdon ... ..	351	351	—	—
Mayland ... ..	232	227	5	—
Mundon ... ..	99	99	—	—
Purleigh ... ..	333	331	—	2
St. Lawrence ... ..	152	152	—	—
Southminster ... ..	773	753	2	18
Steeple ... ..	150	147	1	2
Stow Maries ... ..	73	73	—	—
Tillingham ... ..	304	280	15	9
Tollesbury ... ..	596	583	4	2
Tolleshunt D'Arcy ... ..	319	299	9	11
Tolleshunt Knights ... ..	187	187	—	—
Tolleshunt Major ... ..	142	133	3	6
Totham, Great ... ..	549	542	2	5
Totham, Little ... ..	100	90	4	6
Ulting ... ..	47	34	1	12
Wickham Bishops ... ..	332	287	6	39
Woodham Mortimer... ..	147	143	3	1
Woodham Walter ... ..	187	166	2	19
TOTALS ... ..	6458	6269	73	185

**Number of properties served by communal standpipes.**

<i>Parish</i>	<i>No. of Standpipes</i>	<i>Properties served</i>
T. Major, Pennysbrook ...	1	7

**Number of Properties in District receiving water supply  
other than from Maldon Rural District Council.**

Langford and Ulting	...	16	Supplied direct by Southend Waterworks
Cold Norton	... ..	5	Supplied direct by Southend Waterworks
Ulting	... ..	3	Supplied by Braintree R.D.C.
Woodham Mortimer	...	4	Supplied by Maldon Borough Council
Goldhanger	... ..	1	Supplied by Maldon Borough Council
Little Totham	... ..	5	Supplied by Maldon Borough Council

**Number of Properties outside Maldon Rural District  
supplied by Maldon Rural District Council.**

Witham	... ..	9
Maldon	... ..	5

**Sample of Water from Woodham Walter Pumping Station**

						<i>Chemical Results in Parts per Million</i>
Appearance	...	...	...	...	...	Clear and Bright
Turbidity	...	...	...	...	...	Nil.
Colour	...	...	...	...	...	Nil
Odour	...	...	...	...	...	Very faintly chlori- nous
pH	...	...	...	...	...	6.5
Free Carbon Dioxide	...	...	...	...	...	27
Electric Conductivity	...	...	...	...	...	470
Dissolved Solids Dried at 180° C	...	...	...	...	...	340
Chlorine present as Chloride	...	...	...	...	...	42
Alkalinity as Calcium Carbonate	...	...	...	...	...	45

*Chemical Results in  
Parts per Million*

Hardness :	Total	...	...	...	...	200
	Carbonate			...	...	45
	Non-carbonate			...	...	155
Nitrate Nitrogen	...	...	...	...	...	14
Nitrite Nitrogen	...	...	...	...	...	Absent
Ammoniacal Nitrogen	...	...	...	...	...	0.000
Oxygen absorbed	...	...	...	...	...	0.00
Albuminoid Nitrogen	...	...	...	...	...	0.000
Residual Chlorine	...	...	...	...	...	0.06
Metals	...	...	...	...	...	Absent

*Bacteriological Results*

Number of Colonies developing on Agar

1 day at 37°C.	0 per ml.
2 days at 37°C.	0 per ml.
3 days at 20°C.	— per ml.

Presumptive Coli-form Reaction :

Absent 100 ml.

Bact. coli (Type 1)

Absent 100 ml.

## Report

This sample is clear and bright in appearance and is free from metals. It has however a reaction on the acid side of neutrality due to its content of free carbon dioxide and will therefore tend to show corrosive action on metals. The water is hard in character but its hardness and its content of mineral and saline constituents in solution are not excessive. It conforms to the highest standard of organic quality and the bacteriological results are also very satisfactory.

These results are indicative of a pure and wholesome water, suitable for public supply purposes apart from the comment on corrosive action on metals.

# SOUTH ESSEX WATERWORKS COMPANY

## ANALYSES OF PURIFIED WATER

### AT LANGHAM AND LAYER-DE-LA-HAYE.

(CHEMICAL RESULTS IN PARTS PER MILLION)

			Langham Works	Layer-de-la-Haye Works
			(Average of Weekly Analyses)	(Average of Weekly Analyses)
Total Dissolved Solids	...		525	412
pH Value	...	...	8.00	7.90
Residual Chlorine, Cl.	...		0.31	0.31
Chlorides, Cl.	...	...	54	49
Nitrate Nitrogen	...	...	3.7	1.0
Nitrite Nitrogen	...	...	0.001	0.001
Hardness, non-carbonate	...		120	129
„ carbonate	...	...	245	144
„ total	...	...	365	273
Free Ammonia (NH <sub>3</sub> )	...		0.21	0.18
Albuminoid Nitrogen	...		0.09	0.15
Oxygen Absorbed				
(4 hrs./27°C)...	...	...	1.03	1.25
Iron (Fe)	...	...	0.03	0.02

### Bacteriological Examinations

No. of Tests during year	...	316	312
% of samples which were free from Bact. Coli (Type I) in 100 ml.	...	100.0	100.0
% of samples which were free from Coliform bacteria in 100 ml.	...	100.0	100.0
Maximum count of Coliform bacteria per 100 ml.	...	—	—



**Sample of Water from the Mains of the Southend Water-works Company.**

						<i>Chemical Results in Parts per Million</i>
Appearance	...	...	...	...	...	Clear and Bright
Turbidity	...	...	...	...	...	Nil
Colour	...	...	...	...	...	7 (hazen)
Odour	...	...	...	...	...	Nil
pH	...	...	...	...	...	9.6
Free Carbon Dioxide		...	...	...	...	Absent
Electric Conductivity		...	...	...	...	725
Dissolved Solids dried at 180°C.		...	...	...	...	485
Chlorine present as Chloride		...	...	...	...	70
Alkalinity as Calcium Carbonate		...	...	...	...	30
Hardness : Total	...	...	...	...	...	135
Carbonate		...	...	...	...	10
Non-carbonate		...	...	...	...	105
Nitrate Nitrogen	...	...	...	...	...	6.7
Nitrite Nitrogen	...	...	...	...	...	Less than 0.01
Ammoniacal Nitrogen	...	...	...	...	...	0.11
Oxygen Absorbed	...	...	...	...	...	1.5
Albuminoid Nitrogen	...	...	...	...	...	0.20
Residual Chlorine	...	...	...	...	...	0.2 at sampling
Metals : Iron, Zinc, Copper and Lead	...	...	...	...	...	Absent

*Bacteriological Results*

Number of Colonies developing on Agar :

1 day at 37°C.	14 per ml.
2 days at 37°C.	16 per ml.
3 days at 20°C.	2 per ml.

Presumptive Coliform Reaction	...	...	Absent 100 ml.
Bact. coli. (Type I)	...	...	Absent 100 ml.
Cl. Welchii Reaction	...	...	Present in 100 ml. Absent from 10 ml.



## Report

This sample is clear and bright in appearance and is free from metals. It has a marked alkaline reaction which is not however considered excessive. The hardness of the water is very moderate and it contains no excess of mineral or saline constituents in solution. It is of satisfactory organic quality and bacterial purity.

These results are indicative of a pure and wholesome water suitable for public supply purposes.

### Sample of Water from Asheldham Pumping Station

#### *Chemical Results in Parts per Million*

Appearance	...	...	...	...	...	Bright with very slight orange-brown deposit
Turbidity	...	...	...	...	...	Less than 3
Colour	...	...	...	...	...	5
Odour	...	...	...	...	...	Nil
pH	...	...	...	...	...	7.5
Free Carbon Dioxide		...	...	...	...	5
Electric Conductivity		...	...	...	...	640
Dissolved Solids dried at 180°C.	...		...	...	...	460
Chlorine present as Chloride		...	...	...	...	64
Alkalinity as Calcium Carbonate			...	...	...	75
Hardness : Total	...	...	...	...	...	190
Carbonate	...	...	...	...	...	75
Non-carbonate		...	...	...	...	115
Nitrate Nitrogen	...	...	...	...	...	8.0
Nitrite Nitrogen	...	...	...	...	...	approx.0.01
Ammoniacal Nitrogen	...	...	...	...	...	0.000
Oxygen Absorbed	...	...	...	...	...	1.0
Albuminoid Nitrogen	...	...	...	...	...	0.06
Residual Chlorine	...	...	...	...	...	Absent
Metals : Zinc, Copper, Lead		...	...	...	...	Absent
Iron	...	...	...	...	...	0.09

### *Bacteriological Results*

Number of Colonies developing on Agar

1 day at 37°C.                      21 per ml.

2 days at 37°C.                    28 per ml.

3 days at 20°C.                    – per ml.

Presumptive Coli-form Reaction :                      Absent 100 ml.

Bact. coli (Type 1)                                      Absent 100 ml.

Cl. Welchii Reaction :                                      —

### **Report**

This sample is practically clear and bright in appearance, has a reaction slightly on the alkaline side of neutrality and is free from metals apart from a minute trace of iron. The hardness of the water is moderate and it contains no excess of mineral or saline constituents in solution. It is of satisfactory organic quality and bacterial purity. However, on receipt of the sample, there was no residuum of chlorine present to confirm the satisfactory application of chlorination.

These results are consistent with a pure and wholesome water suitable for public supply purposes.

## **DRAINAGE AND SEWERAGE**

### **Great Totham and Wickham Bishops**

#### **Joint Sewerage Scheme**

This scheme was officially opened by the Chairman of the Council on the 9th September, and deals with the drainage of Great Totham (South), Great Totham (North), Wickham Bishops and a small area in Little Braxted Parish and comprises approximately 10 miles of gravity sewers, 2 miles of pumping mains, 7 pumping stations and a new Disposal Works at Spicketts Wood, Great Totham.

#### **Great Baxted Village**

Approval was given to the sewerage of the Village of Great Braxted and work is in hand on the construction of the Pumping Station and the laying of the sewers. The sewage will flow to the Great Totham Sewage Works.

### **Woodham Walter**

Work commenced on the laying of the sewers and the construction of the new disposal works for the sewerage of Woodham Walter during this year.

### **Tillingham**

During the year work commenced on the construction of the new disposal works and the extension of the sewer in the Village and also an extension to the collection of houses near the White Horse in the Parish of Dengie.

### **Purleigh Sewage Works Extension**

Approval has been given to the extension of the Disposal Works and work is in hand on the preparation of detailed plans and quantities for this scheme.

### **Southminster Sewage Works Extension**

Approval has been given by the Ministry to the extension of these Works to cope with increased population and tenders are being invited for the work.

During the year a short length of 6" sewer has been extended in Burghnam Road, Southminster to connect up the property near the Rose Inn and also another short length from the Vicarage and Station Road to connect up the Vicarage and the Playing Fields.

### **Bradwell Sewerage and Sewage Disposal Scheme**

An Inquiry was held by the Ministry into this scheme early in the year and owing to the high cost of the scheme your Engineer was instructed to investigate this matter further with a view to possible savings.

This investigation is now being dealt with.

### **Tolleshunt Knights Sewerage Scheme**

A scheme has been prepared for the sewerage of the Village of Tolleshunt Knights. It is proposed that the sewage will be pumped to the Tiptree Works with the agreement of the Lexden and Winstree Rural District Council.

This scheme has been submitted to the County Council and the River Board for their approval.

## **SCHEMES PREPARED BY YOUR CONSULTANTS**

### **Althorne and Mayland**

An Inquiry was held by the Ministry into the Althorne and Mayland Joint Sewerage Scheme on the 12th August, and approval



in principle has been received subject to submission of detailed drawings of the works by your Consultants.

### **Tolleshunt D'Arcy Sewerage and Sewage Disposal Scheme**

An Inquiry was held on the 12th August into this scheme and the Ministry have asked for further details which are now being investigated.

### **Little Totham and Tolleshunt Major Sewerage Scheme**

A preliminary scheme has been prepared for these two Villages, which has now been submitted to the County Council and the River Board for their approval.

### **Latchingdon, Cold Norton, Stow Maries and Mundon Sewerage and Sewage Disposal Scheme**

An Inquiry was held by the Ministry into this scheme on the 6th May and further details were required as to the possible ultimate population to be dealt with at these works.

Investigations are now taking place with the County Planning Department as to the possible ultimate population figure.

### **Woodham Mortimer, Hazeleigh and Cock Clarks Area of Purleigh Sewerage and Sewage Disposal Scheme**

Investigations are taking place by your Consultants into a Joint Scheme for these three areas and a preliminary report has been submitted to the Council for consideration.

### **Tollesbury Sewage Works Extension**

In view of the considerable increase in population envisaged for the Village of Tollesbury, it is necessary to extend the Sewage Disposal Works and your Consultants have been requested to investigate these requirements.

## **PUBLIC HEALTH ACT, 1936—SECTION 47.**

### **Conversion of Pail Closets to Water Closets.**

During the period covered by this report, conversions of pail closets to water closets were carried out at 28 properties, and the Council under the above Section paid 50% towards the cost of conversions at 6 properties.

**HOUSING****Statistics for the Year, 1964.**

Number of new houses erected during the year :—

Total ... ..	274
(i) By the Local Authority ... ..	6
(ii) By other bodies and persons ... ..	268

The following table classifies the properties erected and owned by the District Council.

PARISH	4 Bed- room	3 Bed- room	2 Bed- room	1 Bed- room	Total
Althorne ... ..	—	—	—	—	—
Asheldham ... ..	—	5	2	—	7
Bradwell-on-Sea ... ..	2	12	5	7	26
Braxted, Great ... ..	—	18	—	—	18
Braxted, Little ... ..	—	4	—	—	4
Cold Norton ... ..	—	10	—	—	10
Dengie ... ..	—	8	—	—	8
Fambridge North ... ..	—	—	—	—	—
Goldhanger ... ..	—	62	4	8	74
Hazeleigh ... ..	—	6	—	—	6
Langford ... ..	—	—	—	—	—
Latchingdon ... ..	2	55	23	—	80
Mayland ... ..	—	12	—	—	12
Mundon ... ..	—	22	—	—	22
Purleigh ... ..	2	30	13	—	45
St. Lawrence ... ..	—	—	—	—	—
Southminster ... ..	13	177	8	12	203
Steeple ... ..	1	18	3	—	22
Stow Maries ... ..	—	18	—	—	18
Tillingham ... ..	—	51	6	7	64
Tollesbury ... ..	—	66	8	—	74
Tolleshunt D'Arcy ... ..	—	56	6	8	70
Tolleshunt Knights ... ..	—	10	—	—	10
Tolleshunt Major ... ..	2	13	2	—	17
Totham, Great ... ..	1	86	7	—	94
Totham, Little ... ..	—	11	—	—	11
Ulting ... ..	—	—	—	—	—
Wickham Bishops ... ..	2	51	4	—	57
Woodham Mortimer ... ..	—	18	—	—	18
Woodham Walter ... ..	—	24	8	—	32
<b>TOTALS ... ..</b>	<b>25</b>	<b>842</b>	<b>99</b>	<b>42</b>	<b>1002</b>



The total includes six Coastguard cottages (parlour) re-erected on a new site in Bradwell-on-Sea and buildings at Asheldham and Southminster converted into six dwellings, nine cottages (non-parlour) purchased by the Council at Wickham Bishops, and eighteen agricultural cottages (parlour) at Asheldham (4), Southminster (4), Steeple (6), Tolleshunt D'Arcy (4), 26 houses at Tillingham, 20 houses at Latchingdon and 93 houses at Southminster, (built for and occupied by employees of The Central Electricity Generating Board employed at Bradwell Generating Station).

### **Housing Act, 1957, Section 17.**

During the year 11 Demolition Orders were made and 2 Undertakings given that houses would not be used for human habitation until they had been made fit for that purpose.

Twenty-three properties were demolished, 4 of these being the subject of Demolition Orders.

### **Housing (Financial Provisions) Act, 1958**

**as amended by**

### **House Purchase and Housing Act, 1959.**

#### **Improvement Grants**

Properties reconditioned and modernised by the provision of amenities such as bathrooms, hot and cold water supplies, drainage work, etc.:

	<i>No. of Applications Received</i>	<i>No. of Applications Approved</i>	<i>No. of Properties Modernised</i>	<i>Total Amount of Grants Paid</i>	<i>Average Grant per Property</i>
Discretionary Grants	67	64	28	£8,964 0. 0.	£320 0. 0.
Standard Grants	34	32	20	£2,634 19. 5.	£131 15. 0.

**Table showing Census Population 1961 and 1951, and  
Number of Houses Census 1951 and December, 1964.**

PARISH	Area in statute acres (land and inland water)	Tidal water and fore- shore	Num- ber of Houses 1951	Census Population		Number of Houses at end of Dec. 1964 excl. of hutments
				1961	1951	
Althorne ...	2080	255	150	483	451	190
Asheldham ...	1310	—	51	180	170	52
Bradwell-on-Sea ...	5221	4230	217	1116	680	267
Braxted Great ...	2634	—	115	322	363	124
Braxted Little ...	622	—	45	131	162	47
Cold Norton ...	1692	—	129	416	401	224
Dengie ...	2856	1186	45	117	165	51
Fambridge North...	1242	107	86	240	278	128
Goldhanger ...	1622	—	157	506	462	202
Hazeleigh ...	991	—	34	100	114	41
Langford ...	991	3	44	182	153	59
Latchingdon ...	3992	207	188	843	595	351
Mayland ...	1870	—	141	484	426	232
Mundon ...	3312	—	91	290	324	99
Purleigh ...	5535	87	279	914	886	333
St. Lawrence ...	2139	324	50	248	151	152
Southminster ...	6512	828	472	1897	1444	773
Steeple ...	2709	47	106	338	330	150
Stow Maries ...	1610	82	56	182	182	73
Tillingham ...	4928	2593	241	764	683	304
Tollesbury ...	4839	2019	539	1577	1594	596
Tolleshunt D'Arcy...	4104	415	248	864	758	319
Tolleshunt Knights	1926	—	133	326	405	187
Tolleshunt Major ...	2253	2	126	341	403	142
Totham Great ...	3589	—	395	1291	1221	549
Totham Little ...	1281	—	86	237	292	100
Ulting ...	1034	—	44	108	132	47
Wickham Bishops...	1606	—	275	911	866	332
Woodham Mortimer	1387	—	105	434	341	147
Woodham Walter ...	2620	—	173	499	531	187
<b>TOTALS ...</b>	<b>78507</b>	<b>12385</b>	<b>4821</b>	<b>16341</b>	<b>14963</b>	<b>6458</b>

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres)	...	...	...	78,505 (land and inland water)
Home Population (estimated June, 1964)	...	...	...	17,090
Census Population, 1961	...	...	...	16,690 (Males 8,390, Females 8,300)
Census Population, 1951	...	...	...	14,963
Number of inhabited houses 1961 census	...	...	...	5,748
Estimated number of houses at end of 1964	...	...	...	6,458
Rateable Value at 1st April, 1964	...	...	...	£674,474
Product of a Penny Rate for the year ending :—				
31st March, 1964	...	...	...	£2,088 7 11
31st March, 1965	...	...	...	£2,841 0 0
Persons per household at Census 1951	...	...	...	3.08
Persons per household at Census 1961	...	...	...	2.90
Live Births : Number	...	...	...	330
Live Birth Rate per 1,000 population	...	...	...	19.33
Illegitimate live births per cent of total live births	...	...	...	6.06
Still Births : Number	...	...	...	11
Still Birth Rate per 1,000 live and still births	...	...	...	32.25
Total live and still births	...	...	...	341
Infant Deaths—(Deaths under 1 year)	...	...	...	5
Infant Mortality Rates				
Total infant deaths per 1,000 total live births	...	...	...	15.1
Legitimate infant deaths per 1,000 legitimate live births	...	...	...	9.09
Illegitimate infant deaths per 1,000 illegitimate live births	...	...	...	10.00
Neo-Natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)	...	...	...	12.12
Early Neo-Natal Mortality Rate (deaths under 1 week per 1,000 total live births)	...	...	...	12.12



Perinatal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and still births						1.75
Maternal deaths (including abortion)						Nil
Maternal mortality rate per 1,000 live and still births						Nil
Deaths :—Male		90	} Crude death rate per 1,000 of estimated resident population			10.7
Female		93				
Total		183				
Registrar General's Comparability Factor of				} Births Deaths	1.19	
					0.85	
Corrected Death Rate						9.0
Death Rate for England and Wales						11.3
Number of deaths under one year of age						5
Number of deaths under 4 weeks of age						4

The following tabular statements give details of the number of deaths classified according to age and cause:—

Age				Number of deaths							
				Occurring in district		Of non-residents occurring in district		Of residents occurring outside district		Allotted to district	
				M	F	M	F	M	F	M	F
Under 1 year	...	...	...	—	1	—	—	2	2	2	3
1 and under	2	...	...	—	—	—	—	—	—	—	—
2	..	..	5	...	—	—	—	—	—	—	—
5	..	..	15	...	—	—	—	—	—	—	—
15	..	..	25	...	—	—	—	—	1	—	1
25	..	..	35	..	—	—	1	—	—	—	—
35	,	..	45	...	1	1	—	—	4	—	1
45	..	..	55	...	3	2	—	—	3	5	7
55	..	..	65	...	6	3	—	—	12	10	13
65	..	..	75	...	15	7	—	2	16	7	31
75 and over	...	...	...	...	14	26	1	3	15	27	28
TOTALS ... ..				39	40	2	5	52	52	89	87
GRAND TOTALS ...				79		7		104		176	



Causes of Death				Males	Females	Totals
Tuberculosis, respiratory.	...	...	...	—	—	—
Tuberculosis, other	...	...	...	—	—	—
Syphilitic disease...	...	...	...	—	1	1
Diphtheria	...	...	...	—	—	—
Whooping Cough...	...	...	...	—	—	—
Meningococcal Infections	...	...	...	—	—	—
Acute Poliomyelitis	...	...	...	—	—	—
Measles	...	...	...	—	—	—
Other Infective and Parasitic Diseases	...	...	...	—	—	—
Malignant Neoplasm, Stomach	...	...	...	1	3	4
Malignant Neoplasm, Lung, Bronchus	...	...	...	10	—	10
Malignant Neoplasm, Breast	...	...	...	—	5	5
Malignant Neoplasm, Uterus	...	...	...	—	4	4
Other Malignant and Lymphatic Neoplasms	...	...	...	6	12	18
Leukaemia, Aleukaemia...	...	...	...	2	—	2
Diabetes	...	...	...	—	—	—
Vascular Lesions of Nervous System	...	...	...	6	15	21
Coronary Disease, Angina	...	...	...	24	17	41
Hypertension with Heart Disease	...	...	...	1	1	2
Other Heart Disease	...	...	...	8	6	14
Other Circulatory Disease	...	...	...	6	7	13
Influenza	...	...	...	—	—	—
Pneumonia	...	...	...	2	7	9
Bronchitis...	...	...	...	5	3	8
Other Diseases of Respiratory System	...	...	...	1	1	2
Ulcer of Stomach and Duodenum	...	...	...	—	—	—
Gastritis, Enteritis and Diarrhoea	...	...	...	—	—	—
Nephritis and Nephrosis	...	...	...	1	1	2
Hyperplasia of Prostate	...	...	...	1	—	1
Pregnancy, Childbirth, Abortion	...	...	...	—	—	—
Congenital Malformations	...	...	...	1	2	3
Other defined and ill-defined diseases	...	...	...	11	8	19
Motor vehicle accidents	...	...	...	2	—	2
All other accidents	...	...	...	1	—	1
Suicide	...	...	...	1	—	1
Homicide and operations of war	...	...	...	—	—	—
Totals	...	...	...	90	93	183